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(FU,JITA, Yoshio) [JP/JP]; 〒448-8671 愛知県 刈谷市 豊

田町2丁目1番地株式会社豊田自動織機内 Aichi

(JP). 井川 成彦 (IKAWA, Narihiko) [JP/JP]; 〒448-8671 愛知県 刈谷市 豊田町 2 丁目 1 番地 株式会社豊田

自動織機内 Aichi (JP). 大岩 洋之 (OIWA, Hiroyuki) [JP/JP]; 〒448-8671 愛知県 刈谷市 豊田町 2 丁目 1 番

地 株式会社豊田自動織機内 Aichi (JP). 吉田 義治 (YOSHIDA,Yoshiharu) [JP/JP]; 〒448-8671 愛知県 刈

谷市 豊田町 2 丁目 1 番地 株式会社豊田自動織機内

100-0005 東京都 千代田区 丸の内三丁目 1番 1号 国

(74) 代理人: 曾我 道照, 外(SOGA, Michiteru et al.); 〒

際ビルディング 8階 曾我特許事務所 Tokyo (JP).

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(71) 出願人(米国を除く全ての指定国について):株式 会社豊田自動織機 (KABUSHIKI KAISHA TOYOTA JIDOSHOKKI) [JP/JP]; 〒448-8671 愛知県 刈谷市 豊

日本語

田町2丁目1番地 Aichi (JP).

(72) 発明者; および

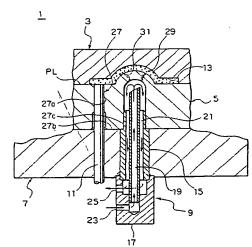
(75) 発明者/出願人 (米国についてのみ): 冨士田 義夫 (81) 指定国(国内): CN, KR, US.

Aichi (JP).

/続葉有/

(54) Title: DIE CAST MOLD

(54) 発明の名称: ダイカスト用金型



(57) Abstract: A die cast mode capable of preventing generation of blow holes in castings. A die cast mold (1) comprises a pair of mold main bodies (3, 5) adapted to define a cavity when put together, a cooling means (9) for cooling the mold by the feeding and draining of fluid while keeping it in a state of negative pressure, and a degassing means (27) that establishes communication between the cavity (13) and the cooling means to discharge the gas in the cavity into the cooling means.

(57) 要約:

鋳物に巣が発生することを防止することができるダイカスト用金型を提供する ことを課題とする。

ダイカスト用金型1は、合せられた際にキャビティが形成される一対の型本体 3,5と、流体を負圧状態に保ちながら給排することで金型を冷却する冷却手段 9と、キャビティ13と冷却手段との間を連通しキャビティ内の気体を冷却手段 へ排出する気体抜き手段27とを備える。

International application No.
PCT/JP02/06742

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ B22C9/06, B22D17/22			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ B22C9/06, B22D17/22			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2002 Kokai Jitsuyo Shinan Koho 1971-2002 Jitsuyo Shinan Toroku Koho 1996-2002			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	opropriate, of the relevant passages	Relevant to claim No.
х	JP 8-66754 A (Kiryu Kikai Kabushiki Kaisha), 12 March, 1996 (12.03.96), Page 3, right column, line 38 to page 4, left column, line 13; Fig. 1 (Family: none)		1,2
A	JP 8-243713 A (Hoko Kogyo Kabushiki Kaisha, Toyota Motor Corp.), 24 September, 1996 (24.09.96), Full text; Fig. 2 (Family: none)		1-3
А	EP 0555976 A1 (Ryobi Ltd.), 18 August, 1993 (18.08.93), Full text; Fig. 1 & JP 5-220562 A		1-3
Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve			e application but cited to trlying the invention laimed invention cannot be ed to involve an inventive laimed invention cannot be when the document is documents, such skilled in the art amily h report
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